

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently amended) A modified high-brightness flat lamp structure comprising:

a reflecting plate having a cavity formed therein, said cavity having a longitudinally extended bottom wall bounded by a plurality of sidewalls with titanium dioxide and a macromolecular polymer coated thereon; [[,]]

a plurality of UV light sources disposed in said cavity in side by side longitudinally spaced relationship; and,

a transparent substrate having opposing inner and outer walls, said inner wall being disposed in overlaying relationship with said reflecting plate, said transparent substrate forming a closure for said cavity and being coated with a macromolecular polymer and fluorescent powder, wherein
~~coated thereon, said UV light sources being arranged in said reflecting plate,~~
~~said transparent substrate covering said reflecting plate,~~ UV light emitted by said UV light sources ~~and~~ is reflected by said reflecting plate ~~then~~ for

exciting said fluorescent powder to radiate high-brightness visible light
from said outer wall of said transparent substrate.

Claim 2 (Currently amended) The flat lamp structure as claimed in claim 1,
wherein said titanium dioxide and macromolecular polymer is coated on ~~an~~
respective inner surfaces of said bottom wall and said sidewalls of said ~~reflecting~~
~~plate~~ cavity.

Claim 3 (Original) The flat lamp structure as claimed in claim 1 and 2,
wherein said reflecting plate is a reflecting plate capable of reflecting UV light.

Claim 4 (Cancelled).

Claim 5 (Currently amended) The flat lamp structure as claimed in claim 1,
wherein said macromolecular polymer and fluorescent powder is coated on ~~an~~ said
inner wall of said transparent substrate.

Claim 6 (Currently amended) The flat lamp structure as claimed in claim 1, wherein said macromolecular polymer and fluorescent powder is coated on ~~an~~ said outer wall of said transparent substrate.

Claim 7 (Original) The flat lamp structure as claimed in claim 1, wherein said UV light sources are UV lamp tubes.

Claim 8 (Original) The flat lamp structure as claimed in claim 1, wherein said UV light sources are UV light-emitting diodes.

Claim 9 (Original) The flat lamp structure as claimed in claim 1, wherein said transparent substrate is made of polymethyl methacrylate (PMMA).

Claim 10 (Original) The flat lamp structure as claimed in claim 1, wherein said transparent substrate is made of polycarbonate (PC).

Claim 11 (Original) The flat lamp structure as claimed in claim 1, wherein said transparent substrate is made of polyethylene terephthalate (PET).

Claim 12 (Original) The flat lamp structure as claimed in claim 1, wherein said transparent substrate is made of quartz glass.

Claim 13 (Original) The flat lamp structure as claimed in claim 1, wherein said transparent substrate is made of sodium-containing glass.

Claim 14 (Original) The flat lamp structure as claimed in claim 1, wherein said transparent substrate is made of boron-containing silicate glass.

Claim 15 (Original) The flat lamp structure as claimed in claim 1, wherein said transparent substrate is made of lead-sodium-silicate glass.